

PCT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

WOODCRAFT, David, Charles
Brookes Batchellor
102-108 Clerkenwell Road
London EC1M 5SA
ROYAUME-UNI

| | | | |
|--|--|--|--|
| Date of mailing (day/month/year) 03 juillet 2001 (03.07.01) | IMPORTANT NOTIFICATION | | |
| Applicant's or agent's file reference DCW/VSW | International filing date (day/month/year) 20 avril 2000 (20.04.00) | | |
| International application No. PCT/GB00/01566 | | | |

1. The following indications appeared on record concerning:

the applicant the inventor the agent the common representative

| | | |
|--|--------------------------------|--------------------|
| Name and Address WOODCRAFT, David, Charles Brookes & Martin High Holborn House 52/54 High Holborn London WC1V 6SE United Kingdom | State of Nationality | State of Residence |
| | Telephone No. 020 7242 9631 | |
| | Facsimile No. 020 7831 0586 | |
| | Teleprinter No. | |

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

the person the name the address the nationality the residence

| | | |
|--|--------------------------------|--------------------|
| Name and Address WOODCRAFT, David, Charles Brookes Batchellor 102-108 Clerkenwell Road London EC1M 5SA United Kingdom | State of Nationality | State of Residence |
| | Telephone No. 020 7253 1563 | |
| | Facsimile No. 020 7253 1214 | |
| | Teleprinter No. | |

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

| | |
|---|---|
| <input checked="" type="checkbox"/> the receiving Office | <input type="checkbox"/> the designated Offices concerned |
| <input type="checkbox"/> the International Searching Authority | <input checked="" type="checkbox"/> the elected Offices concerned |
| <input checked="" type="checkbox"/> the International Preliminary Examining Authority | <input type="checkbox"/> other: |

| | |
|---|---|
| The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35 | Authorized officer Anman QIU Telephone No.: (41-22) 338.83.38 |
|---|---|

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF ELECTION
(PCT Rule 61.2)Date of mailing (day/month/year)
13 December 2000 (13.12.00)To:
Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE
in its capacity as elected Office

| | |
|--|--|
| International application No. PCT/GB00/01566 | Applicant's or agent's file reference DCW/VSW |
| International filing date (day/month/year) 20 April 2000 (20.04.00) | Priority date (day/month/year) 22 April 1999 (22.04.99) |

| |
|---|
| Applicant HEATON, Keith, Patrick et al |
|---|

1. The designated Office is hereby notified of its election made:

in the demand filed with the International Preliminary Examining Authority on:

17 November 2000 (17.11.00)

in a notice effecting later election filed with the International Bureau on:

2. The election was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

| | |
|---|---|
| The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35 | Authorized officer Pascal Piriou Telephone No.: (41-22) 338.83.38 |
|---|---|

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB 00/01566A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61F13/00 A61F13/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ^o | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------------------|--|-----------------------|
| X | US 4 969 880 A (ZAMIEROWSKI DAVID S) 13 November 1990 (1990-11-13) column 7, line 7 - line 16; figure 8 --- | 1,4-7 |
| A | DE 10 93 949 B (DIPL.-ING. ALFRED MAIER) 1 December 1960 (1960-12-01) column 2, line 34 - line 51; figure 1 --- | 1-7 |
| A | US 5 527 293 A (ZAMIEROWSKI DAVID S) 18 June 1996 (1996-06-18) claim 1; figure 24 ----- | 1-7 |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search.

13 September 2000

Date of mailing of the international search report

25/09/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Westermayer, W

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 00/01566

| Patent document cited in search report | Publication date | Patent family member(s) | | | Publication date |
|--|------------------|-------------------------|----|------------|------------------|
| US 4969880 | A | 13-11-1990 | AT | 146980 T | 15-01-1997 |
| | | | AU | 654468 B | 10-11-1994 |
| | | | AU | 5521890 A | 05-11-1990 |
| | | | CA | 2049948 A | 04-10-1990 |
| | | | DE | 69029578 D | 13-02-1997 |
| | | | DE | 69029578 T | 05-06-1997 |
| | | | EP | 0465601 A | 15-01-1992 |
| | | | JP | 4506011 T | 22-10-1992 |
| | | | WO | 9011795 A | 18-10-1990 |
| | | | US | 5527293 A | 18-06-1996 |
| | | | US | 5100396 A | 31-03-1992 |
| | | | US | 5261893 A | 16-11-1993 |
| DE 1093949 | B | NONE | | | |
| US 5527293 | A | 18-06-1996 | US | 5261893 A | 16-11-1993 |
| | | | US | 5100396 A | 31-03-1992 |
| | | | US | 4969880 A | 13-11-1990 |
| | | | AU | 2029592 A | 30-12-1992 |
| | | | CA | 2103033 A | 15-11-1992 |
| | | | WO | 9220299 A | 26-11-1992 |
| | | | AT | 146980 T | 15-01-1997 |
| | | | AU | 654468 B | 10-11-1994 |
| | | | AU | 5521890 A | 05-11-1990 |
| | | | CA | 2049948 A | 04-10-1990 |
| | | | DE | 69029578 D | 13-02-1997 |
| | | | DE | 69029578 T | 05-06-1997 |
| | | | EP | 0465601 A | 15-01-1992 |
| | | | JP | 4506011 T | 22-10-1992 |
| | | | WO | 9011795 A | 18-10-1990 |

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|---|---|--|
| Applicant's or agent's file reference DCW/VSW | FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. | |
| International application No. PCT/GB 00/01566 | International filing date (day/month/year) 20/04/2000 | (Earliest) Priority Date (day/month/year) 22/04/1999 |
| Applicant KCI MEDICAL LIMITED | | |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. **Certain claims were found unsearchable** (See Box I).

3. **Unity of Invention is lacking** (see Box II).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

1

None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

GB 00/01566

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61F13/00 A61F13/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|---|-----------------------|
| X | US 4 969 880 A (ZAMIEROWSKI DAVID S) 13 November 1990 (1990-11-13) column 7, line 7 - line 16; figure 8 ---- | 1,4-7 |
| A | DE 10 93 949 B (DIPL.-ING. ALFRED MAIER) 1 December 1960 (1960-12-01) column 2, line 34 - line 51; figure 1 ---- | 1-7 |
| A | US 5 527 293 A (ZAMIEROWSKI DAVID S) 18 June 1996 (1996-06-18) claim 1; figure 24 ----- | 1-7 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

13 September 2000

Date of mailing of the international search report

25/09/2000

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Westermayer, W

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

GB 00/01566

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|--|--|
| US 4969880 | A 13-11-1990 | AT 146980 T AU 654468 B AU 5521890 A CA 2049948 A DE 69029578 D DE 69029578 T EP 0465601 A JP 4506011 T WO 9011795 A US 5527293 A US 5100396 A US 5261893 A | 15-01-1997 10-11-1994 05-11-1990 04-10-1990 13-02-1997 05-06-1997 15-01-1992 22-10-1992 18-10-1990 18-06-1996 31-03-1992 16-11-1993 |
| DE 1093949 | B | NONE | |
| US 5527293 | A 18-06-1996 | US 5261893 A US 5100396 A US 4969880 A AU 2029592 A CA 2103033 A WO 9220299 A AT 146980 T AU 654468 B AU 5521890 A CA 2049948 A DE 69029578 D DE 69029578 T EP 0465601 A JP 4506011 T WO 9011795 A | 16-11-1993 31-03-1992 13-11-1990 30-12-1992 15-11-1992 26-11-1992 15-01-1997 10-11-1994 05-11-1990 04-10-1990 13-02-1997 05-06-1997 15-01-1992 22-10-1992 18-10-1990 |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

| | | | |
|--|---|---|---|
| Applicant's or agent's file reference DCW/VSW | FOR FURTHER ACTION | | See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) |
| International application No. PCT/GB00/01566 | International filing date (day/month/year) 20/04/2000 | Priority date (day/month/year) 22/04/1999 | |
| International Patent Classification (IPC) or national classification and IPC A61F13/00 | | | |
| Applicant KCI MEDICAL LIMITED et al. | | | |

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 4 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of sheets.

3. This report contains indications relating to the following items:

- I Basis of the report
- II Priority
- III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV Lack of unity of invention
- V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI Certain documents cited
- VII Certain defects in the international application
- VIII Certain observations on the international application

| | |
|--|---|
| Date of submission of the demand 17/11/2000 | Date of completion of this report 18.07.2001 |
| Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465 | Authorized officer Westermayer, W Telephone No. +49 89 2399 8172 |



INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

International application No. PCT/GB00/01566

I. Basis of the report

1. With regard to the **elements** of the international application (*Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17):*):

Description, pages:

1-7 as originally filed

Claims, No.:

1-7 as originally filed

Drawings, sheets:

1/4-4/4 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- the language of publication of the international application (under Rule 48.3(b)).
- the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- contained in the international application in written form.
- filed together with the international application in computer readable form.
- furnished subsequently to this Authority in written form.
- furnished subsequently to this Authority in computer readable form.
- The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- the description, pages:
- the claims, Nos.:

INTERNATIONAL PRELIMINARY
EXAMINATION REPORT

International application No. PCT/GB00/01566

the drawings, - - - sheets:

5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed (Rule 70.2(c)):

(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

6. Additional observations, if necessary:

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | |
|-------------------------------|------|---------------|
| Novelty (N) | Yes: | Claims 2, 3 |
| | No: | Claims 1, 4-7 |
| Inventive step (IS) | Yes: | Claims |
| | No: | Claims 1-7 |
| Industrial applicability (IA) | Yes: | Claims 1-7 |
| | No: | Claims |

2. Citations and explanations
see separate sheet

VII. Certain defects in the international application

The following defects in the form or contents of the international application have been noted:
see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/GB00/01566

1. Reference is made to the following document:

(D1) US-A-4 969 880.

2. Document D1, which is considered to represent the most relevant state of the art, discloses all the features of claim 1 (cf. D1, column 7, lines 7-16 and figure 8). Hence, the subject-matter of claim 1 is not new and does not satisfy the criterion set forth in Article 33(2) PCT.
3. Dependent claims 2-7 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and inventive step.
4. The independent claim is not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would have been appropriate.
5. The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).
6. Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the document D1 is not mentioned in the description, nor is this document identified therein.